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Substitute for form 1449A/PTO

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Sheet 1 of 4

Complete if Known

Application Number	09/967,157
Filing Date	September 28, 2001
First Named Inventor	Richard D. Harris
Group Art Unit	2812 2872
Examiner Name	
Attorney Docket Number	110003.97630

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
SAC		5,578,976		Yao	11/26/1996	
SAC		5,761,350		Koh	6/2/1998	
SAC		5,783,340		Farino et al.	7/21/1998	
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SAC		6,137,206		Hill	10/24/2000	
SAC		6,159,385		Yao et al.	12/12/2000	
SAC		6,188,322		Yao et al.	2/13/2001	
SAC		6,232,841		Bartlett et al.	5/15/2001	
SAC		6,232,847		Marcy, 5th et al.	5/15/2001	

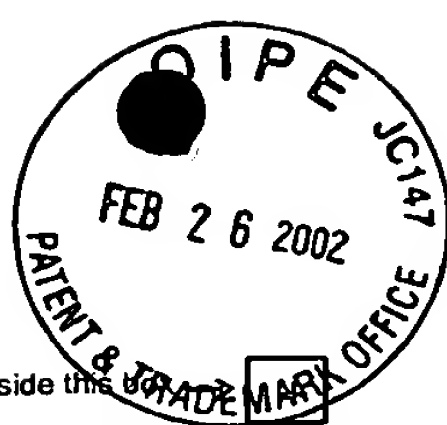
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08/08/02

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/967,157		
		Filing Date	September 28, 2001		
		First Named Inventor	Richard D. Harris		
		Group Art Unit	2812 2822		
		Examiner Name			
Sheet	2	of	4	Attorney Docket Number	110003.97630

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JAC	1	Toumazou, C. et al., n-step Charge Injection Cancellation Scheme for Very Accurate Switched Current Circuits, Electronic Letters, V.30 (9) 680-681: 1994.	✓
JAC	2	Emmerich, H., et al., A Novel Micromachined Magnetic-Field Sensor, MEMS 99 IEEE Conference, January 17-21, 1999, IEEE Catalog No. 99ch36291c.	✓
JAC	3	Madou, Marc, Fundamentals of Microfabrication, Chapters 2-4, CRC Press LLC, Boca Raton, FL: 1997.	✓
JAC	4	Kovacs, Gregory T.A., Micromachined Transducers Sourcebook, Table of Contents, pp. 77-119 and Index, WCB McGraw-Hill, U.S.A.: 1998.	✓
JAC	5	Teegarden, Darrell et al., How to Model and Simulate Microgyroscope Systems, IEEE Spectrum, 66-75, July 1998.	✓
JAC	6	Emmerich, Harald et al., Magnetic Field Measurements with a Novel Surface Micromachined Magnetic-Field Sensor, IEEE Transactions on Electron Devices, V. 47 (5) 972-977, May 2000.	✓
JAC	7	McGruer, N.E. et al., Electrostatically Actuated Microswitches; Scaling Properties, Solid-State Sensor and Actuator Workshop, Hilton Head Island, South Carolina, June 8-11, 1998, pp.132-135.	✓
JAC	8	Miyajima, Hiroshi et al., High-Aspect-Ratio Photolithography for MEMS Applications, J. of Microelectromechanical Sys., V.4(4) 220-229, Dec. 1995.	✓
JAC	9	Lu, Crist et al., A Monolithic Surface Micromachined Accelerometer with Digital Output, IEEE J. of Solid State Circuits, V. 30 (12) 1367-1373, Dec. 1995.	✓
JAC	10	Chen, Ming-Jer et al., Weak Inversion Charge Injection in Analog MOS Switches, IEEE J. of Solid-State Circuits, V. 30 (5) 604-606, May 1995.	✓
JAC	11	Lemkin, Mark A. et al., A Fully Differential Lateral S ² Accelerometer with Drift Cancellation Circuitry, Solid-State Sensor and Actuator Workshop, Hilton Head, South Carolina, June 2-6, 1996, pp. 90-93.	

Examiner Signature		Date Considered	8/8/02
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¹EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Application Number	09/967,157
				Filing Date	September 28, 2001
				First Named Inventor	Richard D. Harris
				Group Art Unit	2812 2822
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	110003.97630

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
JAC	12	Boser, Bernhard E. et al., Surface Micromachined Accelerometers, IEEE J. of Solid-State Circuits, V. 31 (3) 366-375, March 1996.		✓
JAC	13	Fedder, Gary K. et al., Multimode Digital Control of a Suspended Polysilicon Microstructure, J. of Microelectromechanical Sys., V. 5 (4) 283-297, Dec. 1996.		✓
JAC	14	Noriega, Gerardo, Sigma-Delta A/D Converters-Audio and Medium Bandwidths, Technical Notes-DT3 from RMS Instruments website: www.rmsinst.com, 6 pages, February 1996.		✓
JAC	15	Internet page: Decimator Filter DLL, NeuroDimension Inc.: www.nd.com , May 31, 2001, one page.		

Examiner Signature	<i>JAC</i>	Date Considered	8/8/02
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				Application Number	09/967,157
				Filing Date	September 28, 2001
				First Named Inventor	Richard D. Harris
				Group Art Unit	2812-2822
				Examiner Name	COTHORN
				Attorney Docket Number	110003.97630
Sheet	4	of	4		

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	1	U.S. Patent Application No.: 09/406,654, filed on September 27, 1999..	
	2	U.S. Patent Application No.: 09/400,125, filed on September 21, 1999.	
	3	U.S. Patent Application No.: 09/406,509, filed on September 28, 1999.	
	4	U.S. Patent Application No.: 09/955,493, filed on September 18, 2001	
	5	U.S. Patent Application No.: 09/955,494, filed on September 18, 2001.	
	6	U.S. Patent Application No.: 09/675,861, filed on September 29, 2000.	

Examiner Signature	<i>J A Cothorn</i>	Date Considered	8/11/02
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